

SUBSTITUTE FORM PTO-1449

DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
8820-3SERIAL NO.  
09/402,732

## INFORMATION DISCLOSURE CITATION

APPLICANT:

Alvin H.  
Schmaier et al.

FILING DATE

GROUP Not Yet  
Assigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
AMD	AA	5,472,945	12/05/95	Schmaier et al.	514	12	
	AB	5,409,899	04/25/95	Fauchere et al.	514	15	
	AC	4,870,017	09/26/89	Ben-Bassat et al.			
	AD	4,923,963	05/08/90	Stewart et al.	530	314	
	AE	4,693,993	09/15/87	Stewart et al.	514	14	
	AF	5,385,889	01/31/95	Kyle et al.	514	15	
	AG	5,416,191	05/16/95	Cheronis et al.	530	314	
	AH	5,231,080	07/27/93	Scholkens	514	2	
AMD	AI	5,446,131	08/29/95	Maraganore	530	326	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
AMD	AJ	WO 94/11021	05/94	PCT				
AMD	AK	WO 92/17201	10/91	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AMD	AL	Stewart et al., "Bradykinin Chemistry: Agonists and Antagonists". In: <u>Advance in Experimental Medicine and Biology</u> , New York: <u>Plenum Press</u> , p. 585-589 (1983)
	AM	Martin et al., "Bradykinin Stimulates Phosphodiesteratic Cleavage of Phosphatidylcholine in Cultured Endothelial Cells", <u>Biochemical and Biophysical Research Communication</u> , 157(3): 1271-1279 (1988)
	AN	Chem. abstr., Vol. 107, No. 17, 26 October 1987 (Columbus, Ohio), page 146, column 2, the abstract No. 148141v, Alheid et al., "Endothelium-derived relaxing factor from cultured human endothelial cells inhibits aggregation of human platelets." <u>Thromb Res.</u> , 47(5): 561-71 (1987)
	AO	Chem. abstr., Vol 84, No. 21, 24 May 1976 (Columbus, Ohio), page 417, column 2, the abstract No. 148985e, Shikawa et al., "Prostaglandin synthetase activity and hormone responsiveness in normal and SV40 transformed WI-38 fibroblasts", <u>J. of Cyclin Nucleotide Res.</u> , 2(2): 115-28 (1976)
AMD	AP	Database CAPlus on STN, Chemical Abstracts Service, (Columbus, OH), CAPlus No. 1996:519830, Hasan et al., "Bradykinin and its metabolite, Arg-Pro-Pro-Gly-Phe, are selective inhibitors of alpha-thrombin-induced platelet activation", abstract <u>Circulation</u> 1996.

EXAMINER

DATE CONSIDERED

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AMD	BA	5,350,578	09/27/94	Griffin et al.	424	94.64	
	BB	4,638,047	01/20/87	Szelke, et al.	530	332	
AMD	BC	5,300,490	04/05/94	Kunihiro, et al.	514	8	
	BD						
	BE						
	BF						
	BG						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
AMD	BH	WO/96/41640	12/96	PCT				
AMD	BI	B-39431/89	5/90	Australia				
	BJ							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AMD	BK	Chem. abstr., Vol. 111, No. 9, 28 August 1989 (Columbus, Ohio), page 178, column 2, the abstract No. 71858g, Loeb et al., "Endothermium-dependent potentiation of human platelet aggregation", <u>Thromb. Res.</u> , 54(5): 477-86 (1989)
	BL	Chem. abstr., Vol. 93, No. 25, 22 December 1980 (Columbus Ohio), page 100, column 1, the abstract No. 231243t, Imai et al., "Effects of prostacyclin on platelet aggregation as studied with 'filter-loop' technique in the flowing blood of the dog", <u>Artery</u> , 8(1): 90-5 (1980)
	BM	Ngo et al., "Computational Complexity Protein Structure Prediction and the Levinthal Paradox", <u>The Protein Folding Problem and Tertiary Structure Prediction</u> , pp. 491-495 (1994)
	BN	Hasan, et al., "The Carboxyl Terminus of Bradykinin and Amino Terminus of the Light Chain of Kininogens Comprise an Endothelial Cell Binding Domain", <u>The Journal of Biological Chemistry</u> , 269(50): 31822-31830 (December 16, 1994)
	BO	Wirth, et al., "Hoe 140 a new potent and long acting bradykinin-antagonist: in vivo studies", <u>British Journal of Pharmacology</u> , 102(3): 774-777 (March, 1991)
AMD	BP	Vu, et al., "Molecular Cloning of a Functional Thrombin Receptor Reveals a Novel Protolytic Mechanism of Receptor Activation", <u>Cell</u> , 64: 1057-1068 (March 22, 1991)
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	CA						
	CC						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	CD							
	CE							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AMD	CF	Puri, et al., "Inhibition of Thrombin-Induced Platelet Aggregation By High Molecular Weight Kininogen", <u>Transactions of the Association of American Physicans</u> , C: 232-240 (1987)
	CG	Puri, et al., "Cleavage of A 100 kDa Membrane Protein (Aggregin) During Thrombin-Induced Platelet Aggregation Is Mediated By The High Affinity Thrombin Receptors", <u>Biochemical and Biophysical Research Communications</u> , 162(3): 1017-1024 (August 15, 1989)
	CH	Puri, et al., "Reocclusion after thrombolytic therapy: strategies for inhibiting thrombin-induced platelet aggregation", <u>Blood Coagulation and Fibrinolysis</u> , 4: 465-478 (1993)
	CI	Puri, et al., "High Molecular Weight Kininogen Inhibits Thrombin-Induced Platelet Aggregation and Cleavage of Aggregin by Inhibiting Binding of Thrombin to Platelets", <u>Blood</u> , 77(3): 500-507 (February 1, 1991)
	CJ	Meloni, et al., "Low Molecular Weight Kininogen Binds to Platelets to Modulate Thrombin-Induced Platelet Activation", <u>The Journal of Biological Chemistry</u> , 265(11): 6786-6794 (April 13, 1991)
	CK	Hasan et al., "Bradykinin And Related Peptides Selectively Inhibit $\alpha$ -Thrombin's Ability To Activate The Platelet Thrombin Receptor", <u>Thrombosis and Haemostasis</u> , 73(6): 94 (Abstract) (June, 1995)
	CL	Imai, et al. "Effects of Prostacyclin on Platelet Aggregation as Studied With "Filter-Loop" Technique in the Flowing Blood of the Dog", <u>Artery</u> 8(1): 63-72 (1980)
	CM	J.A. Parsons, "Peptide Hormones", published 1976 by University park Press (Baltimore), page 1-7
	CN	Park et al., "SYNTHESIS OF PEPTIDES BY THE SOLID PHASE METHOD, III. BRADYKININ: FRAGMENTS AND ANALOGS", <u>Can. J. Biochem.</u> , 56: 92-100 (1978)
AMD	CO	Hasan et al., "Bradykinin and Its Metabolite, Arg-Pro-Pro-Gly-Phe, Are Selective Inhibitors of $\alpha$ -Thrombin-Induced Platelet Activation", <u>Circulation</u> , 94(3): 517-528 (August 1, 1996)
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